



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Douglas Smith

Serial No.: 08/487,032

Filed: June 7, 1985

For: NUCLEIC ACID AND AMINO ACID  
SEQUENCES RELATING TO HELICOBACTER  
PYLORI FOR DIAGNOSTICS AND  
THERAPEUTICS

Attorney Docket No.: GTN-001

Group Art Unit: 1645

Examiner: Virginia Allen Portner

Mail Stop Sequence  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RECEIVED  
JUN 13 2003  
TECH CENTER 1600/2900

**TRANSMITTAL LETTER FOR COMPACT DISC OF SEQUENCE LISTING**

Dear Sir:

Enclosed please find:

Two (2) copies of CD-R compact discs labeled Copy 1 and Copy 2 of the Sequence Listing submitted in lieu of a paper copy in accordance with 37 CFR §1.52(e). The two compact discs are identical, and

One (1) CD-R containing the computer readable form (CRF) of the Sequence Listing in accordance with 37 CFR §1.824.

The compact discs are formatted from an IBM-PC and are compatible with MS-Windows. The compact discs contain the following file: Seqlistcorr3.txt, containing 1,438kb. This file was created on May 8, 2003. The Sequence Listing contained on the enclosed CDs is understood to comply with the requirements of 37 CFR §1.52 and 37 CFR §1.821-1.825.

**Certificate of Express Mailing**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 355 384 524 US, in an envelope addressed to: Mail Stop Sequence, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below

May 28, 2003  
Date  
*Lisa M. DiRocco*  
Lisa M. DiRocco, Esq., Reg. No. 51,619

LAHIVE & COCKFIELD, LLP  
Attorneys at Law

By: *Lisa M. DiRocco*  
Lisa M. DiRocco, Esq.  
Reg. No. 51,619  
Attorney for Applicants



05-30-03

Cp 16454

Please type a plus sign inside this box → ☒

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Application Number	08/487032
		Filing Date	June 7, 1995
		First Named Inventor	Douglas Smith
		Group Art Unit	1645
		Examiner Name	Virginia Allen Portner
Total Number of Pages in This Submission	4	Attorney Docket Number	GTN-001

**ENCLOSURES (check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input checked="" type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below) Transmittal Letter for Compact Disc of Sequence Listing (1 page) Return Receipt Postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name	LAHIVE & COCKFIELD, LLP Lisa M. DiRocco - 51,619
Signature	<i>Lisa M. DiRocco</i>
Date	May 28, 2003

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 355 384 524 US, in an envelope addressed to: Mail Stop Sequence, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: May 28, 2003

Signature: *Lisa M. DiRocco* (Lisa M. DiRocco)



PTO/SB/17 (01-03)

Approved for use through 04/30/2003. OMB 0651-0032

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL  
for FY 2003**

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 1,450.00**Complete if Known**

Application Number	08/487032
Filing Date	June 7, 1995
First Named Inventor	Douglas Smith
Examiner Name	Virginia Allen Portner
Group Art Unit	1645
Attorney Docket No.	GTN-001

**METHOD OF PAYMENT** (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None  
☒ Deposit Account

Deposit Account Number 12-0080

Deposit Account Name Lahive &amp; Cockfield, LLP

The Commissioner is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					0.00

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims		-** =		x		=	
Independent Claims		-** =		x		=	
Multiple Dependent						=	

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple dependent claim, if not paid	
1204	84	2204	42	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$) 0.00

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION** (continued)**3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	1,450.00
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 1,450.00

**SUBMITTED BY**

Name (Print/Type) Lisa M. DiRocco

Registration No. (Attorney/Agent)

51,619

**Complete (if applicable)**

Telephone (617) 227-7400

Signature

Lisa M. DiRocco

Date

May 28, 2003

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 355 384 524 US, in an envelope addressed to: Mail Stop Sequence Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: May 28, 2003

Signature: Lisa M. DiRocco (Lisa M. DiRocco)

WD

**Please forward to Group Art Unit** 1600

**Amended Compact Discs**

EXAMINER NOTE: THIS PAPER IS AN INTERNAL WORKSHEET ONLY. DO NOT ENCLOSE WITH ANY COMMUNICATION TO THE APPLICANT. ITS PURPOSE IS ONLY THAT OF AN AID IN HIGHLIGHTING A PARTICULAR PROBLEM IN A COMPACT DISC.

THE ATTACHED CD (COPY 1) HAS BEEN REVIEWED BY OIPE FOR COMPLIANCE WITH 37 CFR 1.52(E). ***Please match this CD with the application listed below.***

Date: June 4 2003  
Serial No./Control No. 08 487032  
Reviewed By: J Williams Phone: 305 3027

☒ The compact discs are readable and acceptable.

☐ Copy 1 and Copy 2 of the compact discs are not the same.

☐ The compact discs are unreadable.

☐ The files on the compact discs are not in ASCII.

☐ The compact discs contain at least one virus.

☐ Other

---

---

---